Evaluate Continuing Calibration Report

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD091422\
Data File : VD074299.D
Acq On : 14 Sep 2022 22:03
Operator : VA/SY
Sample : VSTDCCC050
Misc : 5.00G/5.00ml/MSVOA_D/SOIL
ALS Vial : 22 Sample Multiplier: 1

Instrument :
MSVOA_D
LabSampleId :
VSTDCCC050

Quant Time: Sep 15 04:16:56 2022
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D090922S.M
Quant Title : SW846 8260
QLast Update : Sat Sep 10 04:45:19 2022
Response via : Initial Calibration

Min. RRF : 0.000 Min. Rel. Area : 50% Max. R.T. Dev 0.50min
Max. RRF Dev : 25% Max. Rel. Area : 150%

		Compound	AvgRF	CCRF	%Dev	Area%	Dev(min)
1	I	Pentafluorobenzene	1.000	1.000	0.0	59	0.00
2	T	Dichlorodifluoromethane	0.434	0.373	14.1	60	0.00
3	P	Chloromethane	0.374	0.357	4.5	66	0.00
4	C	Vinyl Chloride	0.318	0.349	-9.7#	70	0.00
5	T	Bromomethane	0.168	0.209	-24.4	81	0.00
6	T	Chloroethane	0.190	0.230	-21.1	82	0.00
7	T	Trichlorofluoromethane	0.886	0.843	4.9	62	0.00
8	T	Diethyl Ether	0.286	0.296	-3.5	65	0.00
9	T	1,1,2-Trichlorotrifluoroeth	0.570	0.558	2.1	63	0.01
10	T	Methyl Iodide	0.679	0.683	-0.6	60	0.00
11	T	Tert butyl alcohol	0.042	0.037	11.9	59	-0.01
12	CM	1,1-Dichloroethene	0.550	0.524	4.7#	61	0.00
13	T	Acrolein	0.044	0.033	25.0	45#	0.00
14	T	Allyl chloride	0.854	0.855	-0.1	64	0.00
15	T	Acrylonitrile	0.133	0.147	-10.5	66	0.00
16	T	Acetone	0.105	0.104	1.0	52	0.01
17	T	Carbon Disulfide	1.587	1.428	10.0	59	0.01
18	T	Methyl Acetate	0.352	0.363	-3.1	68	0.00
19	T	Methyl tert-butyl Ether	1.333	1.422	-6.7	66	0.00
20	T	Methylene Chloride	0.814	0.823	-1.1	79	0.00
21	T	trans-1,2-Dichloroethene	0.621	0.610	1.8	62	0.00
22	T	Diisopropyl ether	1.812	1.990	-9.8	67	0.00
23	T	Vinyl Acetate	0.856	0.937	-9.5	64	0.00
24	P	1,1-Dichloroethane	1.119	1.201	-7.3	67	0.00
25	T	2-Butanone	0.175	0.183	-4.6	63	0.00
26	T	2,2-Dichloropropane	0.978	0.893	8.7	57	0.00
27	T	cis-1,2-Dichloroethene	0.709	0.739	-4.2	66	0.00
28	T	Bromochloromethane	0.344	0.378	-9.9	62	0.00
29	T	Tetrahydrofuran	0.108	0.116	-7.4	65	0.00
30	C	Chloroform	1.111	1.190	-7.1#	67	0.00
31	T	Cyclohexane	1.053	0.939	10.8	60	0.00
32	T	1,1,1-Trichloroethane	0.975	0.988	-1.3	63	0.00
33	S	1,2-Dichloroethane-d4	0.510	0.520	-2.0	61	0.00
34	I	1,4-Difluorobenzene	1.000	1.000	0.0	62	0.00
35	S	Dibromofluoromethane	0.364	0.318	12.6	60	0.00
36	T	1,1-Dichloropropene	0.541	0.510	5.7	63	0.00
37	T	Ethyl Acetate	0.235	0.228	3.0	64	0.00
38	T	Carbon Tetrachloride	0.490	0.473	3.5	62	0.00
39	T	Methylcyclohexane	0.670	0.595	11.2	60	0.00
40	TM	Benzene	1.498	1.524	-1.7	67	0.00
41	T	Methacrylonitrile	0.131	0.163	-24.4	71	0.00
42	TM	1,2-Dichloroethane	0.396	0.416	-5.1	69	0.00
43	T	Isopropyl Acetate	0.453	0.458	-1.1	65	0.00
44	TM	Trichloroethene	0.416	0.395	5.0	62	0.00
45	C	1,2-Dichloropropane	0.389	0.410	-5.4#	69	0.00
46	T	Dibromomethane	0.202	0.212	-5.0	68	0.00
47	T	Bromodichloromethane	0.508	0.532	-4.7	68	0.00
48	T	Methyl methacrylate	0.214	0.209	2.3	63	0.00

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		Compound	AvgRF	CCRF	%Dev	Area%	Dev(min)
49	T	1,4-Dioxane	0.002	0.002	0.0	59	0.00
50	S	Toluene-d8	1.226	1.223	0.2	60	0.00
51	T	4-Methyl-2-Pentanone	0.229	0.245	-7.0	67	0.00
52	CM	Toluene	0.961	0.961	0.0	65	0.00
53	T	t-1,3-Dichloropropene	0.479	0.465	2.9	61	0.00
54	T	cis-1,3-Dichloropropene	0.591	0.592	-0.2	65	0.00
55	T	1,1,2-Trichloroethane	0.279	0.293	-5.0	67	0.00
56	T	Ethyl methacrylate	0.371	0.392	-5.7	66	0.00
57	T	1,3-Dichloropropane	0.493	0.522	-5.9	68	0.00
58	T	2-Chloroethyl Vinyl ether	0.077	0.047	39.0#	50	0.00
59	T	2-Hexanone	0.156	0.165	-5.8	65	0.00
60	T	Dibromochloromethane	0.340	0.360	-5.9	68	0.00
61	T	1,2-Dibromoethane	0.266	0.270	-1.5	65	0.00
62	S	4-Bromofluorobenzene	0.507	0.388	23.5	60	0.00
63	I	Chlorobenzene-d5	1.000	1.000	0.0	63	0.00
64	T	Tetrachloroethene	0.382	0.338	11.5	60	0.00
65	PM	Chlorobenzene	1.124	1.147	-2.0	67	0.00
66	T	1,1,1,2-Tetrachloroethane	0.403	0.420	-4.2	68	0.00
67	C	Ethyl Benzene	2.100	2.095	0.2#	66	0.00
68	T	m/p-Xylenes	0.797	0.793	0.5	65	0.00
69	T	o-Xylene	0.753	0.758	-0.7	66	0.00
70	T	Styrene	1.256	1.323	-5.3	68	0.00
71	P	Bromoform	0.224	0.229	-2.2	65	0.00
72	I	1,4-Dichlorobenzene-d4	1.000	1.000	0.0	67	0.01
73	T	Isopropylbenzene	4.230	3.981	5.9	65	0.01
74	T	N-amyl acetate	0.996	0.958	3.8	65	0.01
75	P	1,1,2,2-Tetrachloroethane	0.770	0.759	1.4	67	0.00
76	T	1,2,3-Trichloropropane	0.513	0.561	-9.4	69	0.00
77	T	Bromobenzene	0.928	0.908	2.2	69	0.00
78	T	n-propylbenzene	5.187	4.932	4.9	67	0.01
79	T	2-Chlorotoluene	2.806	2.658	5.3	66	0.00
80	T	1,3,5-Trimethylbenzene	3.505	3.272	6.6	66	0.01
81	T	trans-1,4-Dichloro-2-butene	0.208	0.182	12.5	59	0.00
82	T	4-Chlorotoluene	2.857	2.765	3.2	68	0.01
83	T	tert-Butylbenzene	3.068	2.891	5.8	66	0.00
84	T	1,2,4-Trimethylbenzene	3.403	3.228	5.1	66	0.01
85	T	sec-Butylbenzene	4.647	4.366	6.0	66	0.00
86	T	p-Isopropyltoluene	3.796	3.558	6.3	65	0.01
87	T	1,3-Dichlorobenzene	1.893	1.814	4.2	68	0.01
88	T	1,4-Dichlorobenzene	1.862	1.763	5.3	67	0.00
89	T	n-Butylbenzene	3.709	3.464	6.6	65	0.00
90	T	Hexachloroethane	0.694	0.665	4.2	67	0.01
91	T	1,2-Dichlorobenzene	1.647	1.568	4.8	66	0.01
92	T	1,2-Dibromo-3-Chloropropane	0.108	0.106	1.9	65	0.00
93	T	1,2,4-Trichlorobenzene	1.138	1.016	10.7	64	0.01
94	T	Hexachlorobutadiene	0.650	0.578	11.1	63	0.01
95	T	Naphthalene	2.127	2.035	4.3	66	0.00

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	Compound	AvgRF	CCRF	%Dev	Area%	Dev(min)
96 T	1,2,3-Trichlorobenzene	0.977	0.905	7.4	65	0.01

(#) = Out of Range SPCC's out = 0 CCC's out = 5